BRUHATH BANGALORE MAHANAGARA PALIKE
EXECUTIVE ENGINEER
YELAHANKA DIVISION

MODIFIED ESTIMATE

Name of Work: Additional Developmental works to Urdu School in Attur Ward No.04 or Yelahanka Satellite Town Sub Division.

Job Code No: 004-23-000015

Name of Agency: Sri.Shivakumar B V

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

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MODIFIED ESTIMATE

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. In all kinds of soils Depth upto 1.5 m								
Doddabettahalli Urdu School									
	Stair Case Footing	1	1.50	1.50	1.80	4.05			
	For Columns	1	1.50	1.50	1.80	4.05			
	Sump	1	3.20	3.20	2.10	21.50			
	Total Quantity					**29.60**			
	Schedule-B Quanity					**29.88**			
	Quantity Upto 125%					**29.60**	**Cum**	**218.46**	**6467.29**
2	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS 2.10.2								
	Stair Case Footing	1	1.50	1.50	0.30	0.68			
	For Columns	1	1.50	1.50	0.30	0.68			
	Sump	1	3.20	3.20	0.30	3.07			
	Total Quantity					**4.42**			
	Schedule-B Quanity					**4.62**			
	Quantity Upto 125%					**4.42**	**Cum**	**2811.47**	**12432.32**
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The ranite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel einforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates								
	Stair Case Footing	1	1.50	1.50	0.15	0.34			
	For Columns	1	1.50	1.50	0.15	0.34			
	Sump	1	3.20	3.20	0.15	1.54			
	For Flooring								

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Room 1		1	6.00	5.50	0.15	4.95			
	Room 2		1	7.50	5.50	0.15	6.19			
	Room 3		1	6.00	5.50	0.15	4.95			
	Toilet-1		1	1.50	3.50	0.15	0.79			
	WC		2	1.20	1.20	0.15	0.43			
	Passage		1	1.20	0.80	0.15	0.14			
	Toilet-2		1	2.20	3.50	0.15	1.16			
	WC		2	1.20	1.20	0.15	0.43			
	Passage		1	1.20	0.80	0.15	0.14			
Outside Flooring			1	7.50	1.70	0.15	1.91			
			1	3.95	1.60	0.15	0.95			
	Ramp		1	1.60	1.20	0.15	0.29			
Steps for Toilet Doors										
	Toilet-1		1	0.90	1.05	0.15	0.14			
	Toilet-2		1	0.90	1.05	0.15	0.14			
	Total Quantity						24.83			
	Schedule-B Quanity						39.55			
	Quantity Upto 125%						24.83	Cum	6097.18	151362.49
4	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates									
Stair Case Footing			1	1.50	1.50	0.75	1.69			
	For Columns		1	1.50	1.50	0.45	1.01			
	Sump									
	Bottom Raft		1	2.90	2.90	0.20	1.68			
	Side Walls		2	2.70	0.20	2.00	2.16			
			2	2.70	0.20	2.00	2.16			
	Top Slab		1	2.90	2.90	0.20	1.68			
Deduction for Open			-1	0.60	0.60	0.20	-0.07			
	Total Quantity						10.31			
	Schedule-B Quanity						9.59			
	Quantity Upto 125%						10.31	Cum	7104.26	73259.13

L NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
5	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates								
	Columns for Stair Case		2	0.33	0.25	3.65	0.60		
	Outside Flooring		1	7.50	1.70	0.15	1.91		
			1	3.95	1.60	0.15	0.95		
	Ramp		1	1.60	1.20	0.15	0.29		
	Total Quantity						3.75		
	Schedule-B Quanity						0.62		
	Quantity Upto 125%						0.78	Cum	7470.09	5789.32
	Quantity above 125%						2.98	Cum	7470.09	22229.12

Rate Analysis (KPWD 2022-23, Pg No.17, It No.2.5.2)	
Basic Rate	6186.00
Add 10% for Shuttering	618.60
Sub Total	6804.60
Area Weightage 10%	680.46
Sub Total	7485.06
Add TP -0.20%	-14.97
Grand Total	7470.09

6	Stair Case									
	Stair Case									
	Waist Slab-1		1	4.10	1.40	0.15	0.86			
	Waist Slab-2		1	2.75	1.40	0.15	0.58			
	Landing		1	1.30	1.40	0.15	0.27			
	Steps		21	1.40	0.023		0.68			
	Total Quantity						2.39	Cum		
	Schedule-B Quanity						3.55	Cum		
	Quantity Upto 125%						2.39	Cum	8149.19	19457.82
7	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)									

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Stair Case & Column Footing						186.90			
	Sump						1048.66			
	Column						47.91			
	Staircase						295.93			
	Total Quantity						**1579.40**	**Kgs**		
	Schedule-B Quanity						**1585.30**	**Kgs**		
	Quantity Upto 125%						**1579.40**	**Kgs**	**105.39**	**166453.28**
8	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.									
	Earthwork Excavation Qty						29.60			
	Deduction for Broken Metal						-4.42			
	Deduction for PCC						-2.21			
	Footing Concrete						-8.25			
	Total Quantity						**14.72**	**Cum**		
	Schedule-B Quanity						**1.55**	**Cum**		
	Quantity Upto 125%						**1.94**	**Cum**	**223.95**	**433.90**
	Quantity above 125%						**12.78**	**Cum**	**223.95**	**2862.43**
	Rate Analysis (KPWD 2022-23, V-I Pg No.7, It No.1.9)									
	Basic Rate	204.00								
	Area Weightage 10%	20.40								
	Sub Total	**224.40**								
	Add TP -0.20%	-0.45								
	Grand Total	**223.95**								
9	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 14 m3)									
	rthwork Excavation Qty						29.60			
	educt Refilling Qty						-14.72			
	Total Quantity						**14.89**	**Cum**		
	Schedule-B Quanity						**28.33**	**Cum**		
	Quantity Upto 125%						**14.89**	**Cum**	**81.24**	**1209.26**
10	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km									
	ading & Unloading qty form item no.09			14.89	1.28		19.05			
	Total Quantity						**19.05**	**t.km**		
	Schedule-B Quanity						**36.26**	**t.km**		
	Quantity Upto 125%						**19.05**	**t.km**	**117.36**	**2236.04**

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
11	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
	Outside Painting								
	Front		1	7.95		3.55	28.22		
			1	5.65		3.55	20.06		
	Sides		1	5.80		3.85	22.33		
			1	2.50		3.85	9.63		
	Back Side		1	13.95		3.85	53.71		
			1	11.45		3.85	44.08		
	Toilet Outside		1	6.60		3.55	23.43		
			1	3.80		3.85	14.63		
			1	6.60		3.85	25.41		
	Stair Case Sides		1	4.10		0.15	0.62		
	Columns		2	1.16		2.25	5.22		
	Landing Bottom		1	1.30		1.40	1.82		
	Deductions								
	Door, D		-3	1.15		2.05	-7.07		
	Door, D1		-2	0.85		2.00	-3.40		
	Windows, W		-11	1.50		1.15	-18.98		
	Ventilator, V		-2	2.20		0.45	-1.98		
	Total Quantity						217.72	Sqm	
	Schedule-B Quanity						179.87	Sqm	
	Quantity Upto 125%						217.72	Sqm	149.30	32505.97
12	Finishing with Epoxy paint (two coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On concrete work including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.								
	Inside Painting								
	Room-1		2	6.00		3.20	38.40		
			2	5.50		3.20	35.20		
	Room-2		2	7.50		3.20	48.00		
			2	5.50		3.20	35.20		
	Room-3		2	5.50		3.20	35.20		
			2	6.00		3.20	38.40		
	Toilet-1		2	1.50		1.70	5.10		
			2	3.50		3.20	22.40		
	Passage		2	1.20		3.20	7.68		
			1	0.80		3.20	2.56		
	WC		1	1.20		1.60	1.92		
			1	2.70		1.60	4.32		
			7	1.20		0.45	3.78		

NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Toilet-2		2	2.20		1.70	7.48			
			2	3.50		3.20	22.40			
	Passage		2	1.20		3.20	7.68			
			1	0.80		3.20	2.56			
	WC		1	1.20		1.60	1.92			
			1	2.70		1.60	4.32			
			7	1.20		0.45	3.78			
	Deductions									
	Door, D		-3	1.15		2.05	-7.07			
	Door, D1		-2	0.85		2.00	-3.40			
	Windows, W		-11	1.50		1.15	-18.98			
	Ventilator, V		-2	2.20		0.45	-1.98			
	WC Doors, 4Nos		-8	0.75		2.05	-12.30			
	Ceiling									
	Room-1		1	6.00	5.50		33.00			
	Room-2		1	7.50	5.50		41.25			
	Room-3		1	6.00	5.50		33.00			
	Toilet-1		1	2.80	3.50		9.80			
	Toilet-2		1	3.50	3.50		12.25			
	Outside Projected Slab		1	7.50	1.70		12.75			
			1	3.95	1.60		6.32			
			1	5.32	0.60		3.19			
	Total Quantity						436.13	Sqm		
	Schedule-B Quanity						399.14	Sqm		
	Quantity Upto 125%						436.13	Sqm	151.50	66074.38
13	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.									
	For Sump									
	Bottom Raft		1	2.50	2.50		6.25			
	Side Walls		4	2.50		2.00	20.00			
	For Terrace		1	7.95	7.50		59.63			
			1	7.90	5.80		45.82			
			1	6.40	4.40		28.16			
	For Toilet Flooring									
	Toilet-1		1	1.50	3.50		5.25			
	WC		2	1.20	1.20		2.88			
	Passage		1	1.20	0.80		0.96			
	Toilet-2		1	2.20	3.50		7.70			

L NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	WC		2	1.20	1.20		2.88			
	Passage		1	1.20	0.80		0.96			
	For Wall									
	Toilet-1		2	1.50		1.00	3.00			
			1	3.50		1.00	3.50			
	Passage		2	1.20		1.00	2.40			
	WC		8	1.20		1.00	9.60			
			1	2.70		1.00	2.70			
	Toilet-2		2	2.20		1.00	4.40			
			1	3.50		1.00	3.50			
	Passage		2	1.20		1.00	2.40			
	WC		8	1.20		1.00	9.60			
			1	2.70		1.00	2.70			
	Deduction									
	WC Openings		-8	0.75		1.00	-6.00			
	Total Quantity						218.29	Sqm		
	Schedule-B Quanity						36.09	Sqm		
	Quantity Upto 125%						45.11	Sqm	817.86	36895.71
	Quantity above 125%						173.17	Sqm	817.86	141631.03
	Rate Analysis (KPWD 2022-23, Pg No.113, It No.15.1, V-II)									
	Basic Rate	745.00								
	Area Weightage 10%	74.50								
	Sub Total	819.50								
	Add TP -0.20%	-1.64								
	Grand Total	817.86								
14	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.									
	For Flooring									
	Room-1		1	6.00	5.50		33.00			
	Room-2		1	7.50	5.50		41.25			
	Room-3		1	6.00	5.50		33.00			
	Skirting									
	Room-1		2	6.00		0.10	1.20			
			2	5.50		0.10	1.10			
	Room-2		2	7.50		0.10	1.50			
			2	5.50		0.10	1.10			
	Room-3		2	6.00		0.10	1.20			
			2	5.50		0.10	1.10			
	Total Quantity						114.45	Sqm		
	Schedule-B Quanity						165.57	Sqm		
	Quantity Upto 125%						114.45	Sqm	3150.69	360596.47

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
15	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.									
	Water Tank		1	1000.00			1000.00			
	Total Quantity						1000.00	Ltr		
	Schedule-B Quanity						1000.00	Ltr		
	Quantity Upto 125%						1000.00	Ltr	8.78	8780.00
16	Supply and delivery of Centrifugal pumpset at site brand new best make and with discharge duty confirming to ISI standards and its latest amendments. 2 HP, Size 50x40 Head 22M, Discharge 186 LPM									
	Pump Motor		1				1.00			
	Total Quantity						1.00	Each		
	Schedule-B Quanity						1.00	Each		
	Quantity Upto 125%						1.00	Each	19178.57	19178.57
17	Providing and fixing chlorinated poly vinly chloride (CPVC) pipes, having thermal stability for hot and cold water supply, includeing all CPVC plain and brass threaded fittings, incliding fixing the pipe with the clamp at 1.000 mtr spacing. This includes joining of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per directions of engineer in charge. (Internal Works) (Concealed work, including cutting chases and making good the walls etc,) 20mm dia pipe nomina									
			1	25.00			25.00			
			1	30.00			30.00			
			1	15.00			15.00			
			1	20.00			20.00			
			1	10.00			10.00			
	Total Quantity						100.00	mtr		
	Schedule-B Quanity						100.00	mtr		
	Quantity Upto 125%						100.00	mtr	409.48	40948.00
18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore									
	Valve		3				3.00			
	Total Quantity						3.00	Nos		
	Schedule-B Quanity						3.00	Nos		
	Quantity Upto 125%						3.00	Nos	395.21	1185.63

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
19	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)								
	Windows, W	11	1.50		1.15	18.98			
	Total Quantity					18.98	Sqm		
	Schedule-B Quanity					18.34	Sqm		
	Quantity Upto 125%					18.98	Sqm	7948.07	150814.63
20	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid								
	Total Quantity					0.00	mtr		
	Schedule-B Quanity					4.00	mtr		
	Quantity Upto 125%					0.00	mtr	5494.49	0.00
21	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps								
	Wash Basins	2				2.00			
	Total Quantity					2.00	Each		
	Schedule-B Quanity					4.00	Each		
	Quantity Upto 125%					2.00	Each	2776.34	5552.68
22	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore								
	Bib Cock	10				10.00			
	Total Quantity					10.00	Nos		
	Schedule-B Quanity					10.00	Nos		
	Quantity Upto 125%					10.00	Nos	378.74	3787.40

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
23	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore									
	Stop Cock		6				6.00			
	Total Quantity						6.00	Nos		
	Schedule-B Quanity						6.00	Nos		
	Quantity Upto 125%						6.00	Nos	378.74	2272.44
24	Providing and fixing on wall face unplasticised rigid PVC Rain Water Pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10mm gap for thermal expansion, (i) single socketed pipes 100mm diameter.									
			1	15.00			15.00			
			1	12.00			12.00			
			1	18.00			18.00			
			1	5.00			5.00			
	Total Quantity						50.00	mtr		
	Schedule-B Quanity						50.00	mtr		
	Quantity Upto 125%						50.00	mtr	277.74	13887.00
25	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and Usage charges of machinery complete as per specifications.									
	Total Quantity						0.00	Each		
	Schedule-B Quanity						117.62	Each		
	Quantity Upto 125%						0.00	Each	1256.98	0.00
26	Open Conduit System Supplying heavy gauge PVC conduit pipe ..... dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall/ stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 1.1.1 19/20 mm dia 2 mm thick									
			1	70.00			70.00			
	Total Quantity						70.00	mtr		
	Schedule-B Quanity						70.00	mtr		
	Quantity Upto 125%						70.00	mtr	67.86	4750.20
27	Supplying and flush mounting teak wooden box without front plank, made of not less than 12 mm thick wood, after due groove cutting, finishing with necessary cement plastering complete. 8" x 6" x 3" (203 x 152 x 76 mm)									

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
			6				6.00			
	Total Quantity						6.00	Each		
	Schedule-B Quanity						6.00	Each		
	Quantity Upto 125%						6.00	Each	74.85	449.10
28	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6A flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Short point upto 3m from tapping point to out let via switch									
			2				2.00			
	Total Quantity						2.00	Each		
	Schedule-B Quanity						2.00	Each		
	Quantity Upto 125%						2.00	Each	275.45	550.90
29	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6A flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Medium point above 3m upto 6m from tapping point to out let via switch									
			2				2.00			
	Total Quantity						2.00	Each		
	Schedule-B Quanity						2.00	Each		
	Quantity Upto 125%						2.00	Each	385.23	770.46
30	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6A flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Long point above 6m upto 10m from tapping point to out let via switch									
			5				5.00			
	Total Quantity						5.00	Each		
	Schedule-B Quanity						5.00	Each		
	Quantity Upto 125%						5.00	Each	565.87	2829.35
31	Supplying 6A flush type socket and 6 A flush type SP switch either surface/flush mounting in existing gang box or in 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required as per IS 1293 and IS 3654 6A 3/5 Way									
			2				2.00			
	Total Quantity						2.00	Each		

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Schedule-B Quanity					2.00	Each		
	Quantity Upto 125%					2.00	Each	142.71	285.42
32	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 1.5 mm2								
			1	90.00		90.00			
	Total Quantity					90.00	mtr		
	Schedule-B Quanity					90.00	mtr		
	Quantity Upto 125%					90.00	mtr	25.95	2335.50
33	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 2.5 mm2								
			1	60.00		60.00			
	Total Quantity					60.00	mtr		
	Schedule-B Quanity					60.00	mtr		
	Quantity Upto 125%					60.00	mtr	39.92	2395.20
34	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 4 mm2								
			1	160.00		160.00			
	Total Quantity					160.00	mtr		
	Schedule-B Quanity					160.00	mtr		
	Quantity Upto 125%					160.00	mtr	58.88	9420.80
35	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc, and fixing on existing wooden or metal box using N.F. screws.								
			1	2000.00		2000.00			
	Total Quantity					2000.00	Sqcm		
	Schedule-B Quanity					2000.00	Sqcm		
	Quantity Upto 125%					2000.00	Sqcm	0.29	580.00
36	Supplying & fixing retrofit type-PL- LED Lamp ..... W LED linear source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per W, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp Wage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to275 V. Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. 18-20 W								
			6			6.00			
	Total Quantity					6.00	Each		

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Schedule-B Quanity					6.00	Each		
	Quantity Upto 125%					6.00	Each	689.62	4137.72
37	Supplying wall mounting fan suitable to operate at singlephase 230v AC. supply. 400 mm Sweep								
	Total Quantity					0.00	Each		
	Schedule-B Quanity					6.00	Each		
	Quantity Upto 125%					0.00	Each	2832.32	0.00
38	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low 3mg Mercury content & below 40% glass content than TS lamp & 20% less phosphor coating than T8 with initial lumen on 1350 (for 3000-6500 deg Kelvin), rated Avg life (12 Hr. Cycle) of greater than 35000 burring hours. Operating voltage range from 180V to 265V, 50Hz AC power Supply 14 W Lamp								
			6			6.00			
	Total Quantity					6.00	Each		
	Schedule-B Quanity					4.00	Each		
	Quantity Upto 125%					5.00	Each	131.74	658.70
	Quantity above 125%					1.00	Cum	131.74	131.74
	Rate Analysis (ELE 2022-23, Pg No.40, It No.12.18.1)								
	Basic Rate	132.00							
	Sub Total	132.00							
	Add TP -0.20%	-0.26							
	Grand Total	131.74							
39	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. 20" x 20" x 2.5"								
			5			5.00			
	Total Quantity					5.00	Sqcm		
	Schedule-B Quanity					4.00	Sqcm		
	Quantity Upto 125%					5.00	Sqcm	314.37	1571.85
40	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 32 A								
			8			8.00			
	Total Quantity					8.00	Each		
	Schedule-B Quanity					8.00	Each		
	Quantity Upto 125%					8.00	Each	199.60	1596.80
41	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. (Open Execution) upto 63 A								
			1			1.00			

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Total Quantity					1.00	Each		
	Schedule-B Quanity					1.00	Each		
	Quantity Upto 125%					1.00	Each	5174.63	5174.63
42	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 50-63 A TPN								
			2			2.00			
	Total Quantity					2.00	Each		
	Schedule-B Quanity					2.00	Each		
	Quantity Upto 125%					2.00	Each	2394.20	4788.40
43	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32 A TPN								
			3			3.00			
	Total Quantity					3.00	Each		
	Schedule-B Quanity					3.00	Each		
	Quantity Upto 125%					3.00	Each	1773.45	5320.35
44	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 A three phase 4 wire whole current class-1 Accuracy Energy Meter.								
			1			1.00			
	Total Quantity					1.00	Each		
	Schedule-B Quanity					1.00	Each		
	Quantity Upto 125%					1.00	Each	5114.75	5114.75
45	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia								
			2			2.00			
	Total Quantity					2.00	Nos		
	Schedule-B Quanity					2.00	Nos		
	Quantity Upto 125%					2.00	Nos	2993.00	5986.00
46	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. 25x3mm GI strip								
			1	40.00		40.00			
	Total Quantity					40.00	mtr		

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Schedule-B Quanity					40.00	mtr		
	Quantity Upto 125%					40.00	mtr	74.85	2994.00
47	Supplying of LT UG Cable having aluminium conducor PVC insulated , sheathed, galvanished, steel wire/steel tap armoured cable with PVC outer sheating 1.1 KV class I, class 'A' PVC cable d) 4 core 16 sqmm								
			1	30.00			30.00		
			1	20.00			20.00		
	Total Quantity					50.00	mtr		
	Schedule-B Quanity					50.00	mtr		
	Quantity Upto 125%					50.00	mtr	149.70	7485.00
48	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. 16Sqmm								
			1	30.00			30.00		
			1	20.00			20.00		
	Total Quantity					50.00	mtr		
	Schedule-B Quanity					50.00	mtr		
	Quantity Upto 125%					50.00	mtr	11.86	593.00
49	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.								
			1	30.00			30.00		
	Total Quantity					30.00	mtr		
	Schedule-B Quanity					30.00	mtr		
	Quantity Upto 125%					30.00	mtr	75.85	2275.50
50	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm								
			1	2.00			2.00		
	Total Quantity					2.00	mtr		
	Schedule-B Quanity					2.00	mtr		
	Quantity Upto 125%					2.00	mtr	334.33	668.66
51	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. 16sqmm								
			1				1.00		
	Total Quantity					1.00	Each		
	Schedule-B Quanity					1.00	Each		
	Quantity Upto 125%					1.00	Each	269.46	269.46
52	Providing BESCOM deposits excluding ESCOM 3 phase ebergy meter (as per intimation letter from ESCOMS) for 10hp 3phase power supply under L T-5 traffic								
			1				1.00		

NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Total Quantity					1.00	LS		
	Schedule-B Quanity					1.00	LS		
	Quantity Upto 125%					1.00	LS	9980.00	9980.00
	EIRL-Iems								
E-1	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) (KPWD 2022-23, V-II Page No.100, Item No.12.15)								
	Class Room Doors	3	1.00		2.00	6.00			
	Total Quantity					6.00	Sqm	5570.24	33421.42
	Rate Analysis								
	Basic Rate	5074.00							
	Area Weightage 10%	507.40							
	Sub Total	5581.40							
	Add TP -0.20%	-11.16							
	Grand Total	5570.24							
E-2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm (KPWD 2022-23, V-II Page No.60, Item No.9.12.2)								
	Toilet Flooring								
	Toilet-1	1	1.50	3.50		5.25			
	Passage	1	1.20	0.80		0.96			
	WC	2	1.20	1.20		2.88			
	Toilet-2	1	1.50	3.50		5.25			
	Passage	1	1.20	0.80		0.96			
	WC	2	1.20	1.20		2.88			
	Total Quantity					18.18	Sqm	1205.38	21913.89
	Rate Analysis								
	Basic Rate	1098.00							
	Area Weightage 10%	109.80							
	Sub Total	1207.80							
	Add TP -0.20%	-2.42							
	Grand Total	1205.38							
E-3	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc., complete. (KPWD 2022-23, V-II Page No.60, Item No.9.11)								
	Toilet-1	2	1.50		1.50	4.50			

L NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
		1	3.50		1.50	5.25			
	Passage	1	1.20		1.50	1.80			
	WC	6	1.20		1.50	10.80			
		1	2.70		1.50	4.05			
	Toilet-2	2	2.20		1.50	6.60			
		1	3.50		1.50	5.25			
	Passage	1	1.20		1.50	1.80			
	WC	6	1.20		1.50	10.80			
		1	2.70		1.50	4.05			
	Deduction								
	WC Openings	-8	0.75		1.50	-9.00			
	Total Quantity					**45.90**	**Sqm**	**848.60**	**38950.71**
	Rate Analysis								
	Basic Rate	773.00							
	Area Weightage 10%	77.30							
	Sub Total	850.30							
	Add TP -0.20%	-1.70							
	Grand Total	848.60							
E-4	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc, for operation on 230 V, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 56" Sweep (1400 mm) Regular model (ELE 2022-23, Page No.22, Item No.6.3.2)								
	Ceiling Fan	6				6.00			
	Total Quantity					**6.00**	**Each**	**2165.66**	**12993.96**
	Rate Analysis								
	Basic Rate	2170.00							
	Sub Total	2170.00							
	Add TP -0.20%	-4.34							
	Grand Total	2165.66							
E-5	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests (KPWD 2022-23, V-II Page No.123, Item No.14.1.1)								
	Indian Closet	4				4.00			
	Total Quantity					**4.00**	**Each**	**4661.26**	**18645.04**
	Rate Analysis								
	Basic Rate	4246.00							
	Area Weightage 10%	424.60							
	Sub Total	4670.60							
	Add TP -0.20%	-9.34							
	Grand Total	4661.26							

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
E-6	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge. (KPWD 2022-23, V-II Page No.50, Item No.8.51)									
	Outside Wall									
	Front		1	7.95		3.55	28.22			
			1	5.65		3.55	20.06			
	Sides		1	5.80		3.85	22.33			
			1	2.50		3.85	9.63			
	Back Side		1	13.95		3.85	53.71			
			1	11.45		3.85	44.08			
	Toilet Outside		1	6.60		3.55	23.43			
			1	3.80		3.85	14.63			
			1	6.60		3.85	25.41			
	Stair Case Sides		1	4.10		0.15	0.62			
	Columns		2	1.16		2.25	5.22			
	Landing Bottom		1	1.30		1.40	1.82			
	Deductions									
	Door, D		-3	1.15		2.05	-7.07			
	Door, D1		-2	0.85		2.00	-3.40			
	Windows, W		-11	1.50		1.15	-18.98			
	Ventilator, V		-2	2.20		0.45	-1.98			
	Inside Wall									
	Room-1		2	6.00		3.20	38.40			
			2	5.50		3.20	35.20			
	Room-2		2	7.50		3.20	48.00			
			2	5.50		3.20	35.20			
	Room-3		2	5.50		3.20	35.20			
			2	6.00		3.20	38.40			
	Toilet-1		2	1.50		1.70	5.10			
			2	3.50		3.20	22.40			
			2	1.20		3.20	7.68			
	Passage		1	0.80		3.20	2.56			
			1	1.20		1.60	1.92			
	WC		1	2.70		1.60	4.32			
			7	1.20		0.45	3.78			
			2	2.20		1.70	7.48			
	Toilet-2		2	3.50		3.20	22.40			
			2	1.20		3.20	7.68			
	Passage		1	0.80		3.20	2.56			
			1	1.20		1.60	1.92			
	WC		1	2.70		1.60	4.32			
			7	1.20		0.45	3.78			
	Deductions									
	Door, D		-3	1.15		2.05	-7.07			
	Door, D1		-2	0.85		2.00	-3.40			
	Windows, W		-11	1.50		1.15	-18.98			
	Ventilator, V		-2	2.20		0.45	-1.98			
	WC Doors, 4Nos		-8	0.75		2.05	-12.30			

NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Total Quantity						502.30	Sqm	91.12	45767.81
	Rate Analysis									
	Basic Rate		83.00							
	Area Weightage 10%		8.30							
	Sub Total		91.30							
	Add TP -0.20%		-0.18							
	Grand Total		91.12							
7	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre as per specifications and as per directions of Engineer in charge. (KPWD 2022-23, V-II Page No.51, Item No.8.55.1)									
	Outside Wall									
	Front		1	7.95		3.55	28.22			
			1	5.65		3.55	20.06			
	Sides		1	5.80		3.85	22.33			
			1	2.50		3.85	9.63			
	Back Side		1	13.95		3.85	53.71			
			1	11.45		3.85	44.08			
	Toilet Outside		1	6.60		3.55	23.43			
			1	3.80		3.85	14.63			
			1	6.60		3.85	25.41			
	Stair Case Sides		1	4.10		0.15	0.62			
	Columns		2	1.16		2.25	5.22			
	Landing Bottom		1	1.30		1.40	1.82			
	Deductions									
	Door, D		-3	1.15		2.05	-7.07			
	Door, D1		-2	0.85		2.00	-3.40			
	Windows, W		-11	1.50		1.15	-18.98			
	Ventilator, V		-2	2.20		0.45	-1.98			
	Inside Wall									
	Room-1		2	6.00		3.20	38.40			
			2	5.50		3.20	35.20			
	Room-2		2	7.50		3.20	48.00			
			2	5.50		3.20	35.20			
	Room-3		2	5.50		3.20	35.20			
			2	6.00		3.20	38.40			
	Toilet-1		2	1.50		1.70	5.10			
			2	3.50		3.20	22.40			
	Passage		2	1.20		3.20	7.68			
			1	0.80		3.20	2.56			
	WC		1	1.20		1.60	1.92			
			1	2.70		1.60	4.32			
			7	1.20		0.45	3.78			
	Toilet-2		2	2.20		1.70	7.48			
			2	3.50		3.20	22.40			
	Passage		2	1.20		3.20	7.68			
			1	0.80		3.20	2.56			

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	WC	1	1.20		1.60	1.92			
		1	2.70		1.60	4.32			
		7	1.20		0.45	3.78			
	Deductions								
	Door, D	-3	1.15		2.05	-7.07			
	Door, D1	-2	0.85		2.00	-3.40			
	Windows, W	-11	1.50		1.15	-18.98			
	Ventilator, V	-2	2.20		0.45	-1.98			
	WC Doors, 4Nos	-8	0.75		2.05	-12.30			
	Total Quantity					502.30	Sqm	45.01	22608.20
	Rate Analysis								
	Basic Rate	41.00							
	Area Weightage 10%	4.10							
	Sub Total	45.10							
	Add TP -0.20%	-0.09							
	Grand Total	45.01							
E-8	Providing and fixing flush door shutter made out of solid core block board type, well seasoned , chemicaly treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door useing liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per spcification. -do- 30 mm thick both side commercial (KPWD 2022-23, V-II Page No.106, Item No.12.57.3)								
	Toilet Room Doors	2	0.85		2.00	3.40			
	Total Quantity					3.40	Sqm	2896.00	9846.39
	Rate Analysis								
	Basic Rate	2638.00							
	Area Weightage 10%	263.80							
	Sub Total	2901.80							
	Add TP -0.20%	-5.80							
	Grand Total	2896.00							
E-9	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm Aluminium hinges. -do- with both side prelam (KPWD 2022-23, V-II Page No.106, Item No.12.55.1)								
	WC Doors	4	0.75		2.00	6.00			
	Total Quantity					6.00	Sqm	4174.93	25049.60
	Rate Analysis								

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Basic Rate		3803.00							
	Area Weightage 10%		380.30							
	Sub Total		4183.30							
	Add TP -0.20%		-8.37							
	Grand Total		4174.93							
E-10	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KWPD 2021-22, V-II, Item No.6.33, Page No.17)									
Steps for Toilet Doors										
	Toilet-1	Step-1	1	0.90		0.20	0.18			
		Step-2	1	0.90		0.40	0.36			
		Step-3	1	0.90		0.60	0.54			
	Toilet-2	Step-1	1	0.90		0.20	0.18			
		Step-2	1	0.90		0.40	0.36			
		Step-3	1	0.90		0.60	0.54			
	Total Quantity						2.16	Sqm	1164.77	2515.89
	Rate Analysis									
	Basic Rate		1061.00							
	Area Weightage 10%		106.10							
	Sub Total		1167.10							
	Add TP -0.20%		-2.33							
	Grand Total		1164.77							
E-11	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.. (KWPD 2021-22, V-II, Item No.8.1.1, Page No.41)									
Steps for Toilet Doors										
	Toilet-1		2	0.90		0.20	0.36			
			2	0.90		0.40	0.72			
			2	0.90		0.60	1.08			
			3	0.90		0.15	0.41			
	Toilet-2		2	0.90		0.20	0.36			
			2	0.90		0.40	0.72			
			2	0.90		0.60	1.08			
			3	0.90		0.15	0.41			
Front Platform			1	6.00		0.45	2.70			
			1	5.50		0.45	2.48			
			1	1.70		0.45	0.77			
			1	1.60		0.45	0.72			

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	Unit	Rate in Rs.	Amount in Rs.
	Total Quantity					11.79	Sqm	239.32	2821.59
	Rate Analysis								
	Basic Rate	218.00							
	Area Weightage 10%	21.80							
	Sub Total	239.80							
	Add TP -0.20%	-0.48							
	Grand Total	239.32							
						Total Construction Amount			1665950.30
							Add GST 18%		299871.05
								Grand Total	1965821.35

Asst Engineer
Ward No.04
BBMP

Asst. Executive Engineer
Yelahanka Stellite Town Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

Technical Sanction
Accorded For Rs.1965821.35
Head of A/C..P.3726.....
CER NO :87..... Dt:14/05/23